



Extension

UNIVERSITY OF WISCONSIN-MADISON
SHAWANO COUNTY

Shawano County UWEX
311 North Main Street
Shawano, WI 54166
(715) 526-6136

Website:

<https://shawano.extension.wisc.edu>

Facebook and Twitter:

@AgShawano

Hours:

Monday - Friday
8:00 am - 4:30 pm

Ag Agent:

Kimberly Schmidt
kimberly.schmidt@wisc.edu

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Shawano Ag Newsletter

University of Wisconsin-Madison Division of Extension

February 2020

Hello All!

Before the growing season gets here I am conducting a land rent survey of the cropland for the county to better respond to questions about current county cropland rental rates. Changing land use patterns, growing farm operations, rising input costs and weak commodity prices are all factors that can affect cropland rental rates for both farmers and landlords alike. If you are willing to participate, please return the enclosed postcard by February 29th or alternatively, complete the survey at:

<https://forms.gle/RArbHhFnJMv5WHV18>

You individual responses are anonymous. Results will be tabulated and summarized to determine average rental rates, as well as the range in cropland rental rates, for each township.

When filling out the survey postcard, please indicate whether you are an owner, renter, or both; the rental rate you paid or received (\$/a) for 2019 or the amount you have negotiated for 2020; the township where the parcel is located; and the estimated average corn yield for the past three years (or mark an 'X' if the parcel is a pasture or permanent hay). Note...you can report up to four different parcels on the postcard. If you rent more than four parcels, please report the four largest parcels. If you choose to enter your data using the URL above, you can enter an unlimited number of parcels on the website.

Once complete, you can mail the postcard to the Extension Office, the postage and return address are included on the postcard.

The results of this survey will be aggregated by township and presented at county Extension meetings. Additionally, a summary of the results will be used to evaluate county forage and grain cost of production estimates, as well as to answer questions from individuals regarding Shawano County land rental rates.

Thank you in advance for returning the enclosed survey postcard. Again, all results are anonymous! If you have any questions or would like a copy of the results, please call our office at (715) 526-6136.

Kimberly Schmidt

Dairy Situation and Outlook, January 23, 2019

By Bob Cropp, Professor Emeritus

University of Wisconsin Cooperative Extension

University of Wisconsin-Madison

Milk prices normally decline in January following the seasonal high sales period for butter and cheese during the holidays and this year is no exception. Milk prices during the last quarter of 2019 had improved significantly from earlier in the year. Class III hit a high of \$20.45 in November and declined to \$19.37 in December but averaged \$16.96 for the year, \$2.35 higher than the 2018 average of \$14.61. But, it look like Class III for January will be more than \$2 lower than December around \$17.00 due to much lower cheese prices. On the CME cheddar barrels were as high as \$2.39 per pound early November of 2019 and stayed above \$2.00 until early December. During January barrels were a low of \$1.4675 per pound and as high as \$1.6425 per pound and as of today barrels are \$1.63. The 40-pound cheddar block price was a high of \$2.175 per pound the end of October 2019 and stayed above \$2.00 until November 12th. During January blocks were a low of \$1.825 per pound and as of today are at a high of \$2.0025. The Class III price is getting some support from higher dry whey prices. January started off with dry whey at \$0.3125 per pound and has improved to 0.36 per pound.

Higher nonfat dry milk prices more than offset lower butter prices in 2019 resulting in Class IV averaging \$16.30 for the year \$2.07 higher than the \$14.23 average in 2018. Class IV was \$16.70 in December and will be about the same in January. CME butter was above \$2.00 per pound from November of 2016 up until November of 2019. Butter was high as \$1.95 per pound in January and as of today it is \$1.8675. But, nonfat dry milk started the year at \$1.2275 per pound and continued to increase to \$1.29.

The big question is where are milk prices headed for the rest of the year? Milk prices are so sensitive to relatively small changes in milk production, milk and dairy product sales and dairy exports. As of now these factors all appear positive for milk prices to average higher for the year than 2019. Milk production for December was 0.7% higher than a year ago, the net result of 0.1% fewer cows and 0.8% more milk per cow. For the year cow numbers averaged 67,000 fewer or -0.7%. Milk per cow averaged 1.1% higher netting an increase in milk production of just 0.3%.

December compared to a year ago saw milk production up 0.5% in California, 3.2% in Idaho, 8.6% in Texas, 5.4% in Colorado, 1.9% in New Mexico, 3.9% in South Dakota, 1.9% in New York and 1.2% in Michigan. But December milk production was 1.1% lower in Wisconsin, 0.4% in Minnesota and 0.9% in Iowa.

USDA is forecasting 2020 milk production to be 1.7% higher than 2019, the result of just an average of 5,000 more milk cows and 1.7% more milk per cow. Dairy farmers lost a lot of equity from very low milk prices from all of 2015 until the last half of 2019. Dairy farmers will need to recover from this before we see much dairy herd expansions. So USDA's forecast for the number of cows seems reasonable but I question the increase in milk per cow. The very wet crop year in 2019 resulted in lower quality hay, haylage and corn silage which is bound to impact milk per cow. We may see the increase in milk per cow closer to 1.3% to 1.4% which would be more positive for milk prices.

The economy continues to grow, unemployment is low and wages have increases which points to positive milk sales. Fluid (beverage) milk sales will likely continue the downward trend, but this should be more than offset by higher cheese sales.

November dairy exports were above year ago levels for the third straight month driven by nonfat dry milk/skim milk powder exports 41% higher than a year ago and cheese exports 7% higher. However, butter exports and whey product exports were 63% and 25% lower respectively. But, there are positives for exports to be higher for 2020, particularly for nonfat dry milk/skim milk powder, cheese and whey products. While it takes time for the full effects of trade agreements are realized 2020 exports may get some help from the recently signed USMCA, phase one China agreement and a phase one Japan agreement. But, a major factor for higher exports is an expected a growth in world milk production of less than one percent. Milk production amongst the major dairy exporters, the EU, New Zealand, Australia and Argentina are forecast to be up one percent or less and in the case of Australia lower. This will open up opportunities for U.S. dairy exports. U.S. dairy products have been higher than world prices, but world prices are strengthening which will help to make U.S. products more competitive.

Also positive for higher milk prices is dairy stocks. December 31st American cheese stocks increase some from November to December, but were 7.1% lower than a year ago. The stocks of other cheese varieties were 6.5% higher, but total cheese stocks were still 2.2% lower. Butter stocks however grew by 5.2% from November to December with December stocks 5.9% higher than a year ago. This is a factor for lower butter prices.

As of now I could see first quarter Class III averaging around \$17.55, second quarter \$17.65, third quarter \$18.35 and fourth quarter \$18.95 for an average of \$18.15 to \$18.40 for the year or about \$1.20 to \$1.30 higher than 2019. Butter prices could go above \$2 per pound second half of the year. This along with forecasted nonfat dry milk prices well above \$1.00 per pound could result in the Class IV price averaging \$17.80 to \$17.85 per pound, about \$1.20 to \$1.25 higher than 2019. But, all of this could change. A couple of potential clouds are a slower growing U.S. and world economy. China is facing its worst GDP growth in 30 years and Europe economies are showing slow growth. Current Class III futures are fairly optimistic for 2020. Dairy farmers may want to consider protecting some of their milk with dairy futures and options or the Revenue Protection option.

Hay Market Report

January 27, 2019

<https://fyi.extension.wisc.edu/forage/h-m-r/>

Upper Midwest Hay Price Summary by Quality Grade

Hay Grade	Bale type	----- Price (\$/ton) -----		
		Average	Minimum	Maximum
Prime (> 151 RFV/RFQ)	Small Square	\$250.00	\$200.00	\$300.00
	Large Square	\$239.00	\$160.00	\$315.00
	Large Round	\$190.00	\$100.00	\$280.00
Grade 1 (125 to 150 RFV/RFQ)	Small Square	\$192.00	\$160.00	\$224.00
	Large Square	\$191.00	\$120.00	\$270.00
	Large Round	\$144.00	\$85.00	\$185.00
Grade 2 (103 to 124 RFV/RFQ)	Small Square	No Reported Sales		
	Large Square	\$159.00	\$90.00	\$225.00
	Large Round	\$130.00	\$90.00	\$220.00
Grade 3 (87 to 102 RFV/RFQ)	Small Square	No Reported Sales		
	Large Square	\$119.00	\$100.00	\$150.00
	Large Round	\$97.00	\$50.00	\$130.00

Demand and Sales Comments

All hay stored on United States farms as of December 1, 2019 totaled 84.5 million tons, up 7 percent from the previous December. Disappearance from May 1, 2019 - December 1, 2019 totaled 59.3 million tons, compared with 59.9 million tons for the same period a year earlier. Prices remain steady in this report. If you need forage or have forage for sell connect to the Farmer-to-Farmer webpage at <http://farmertofarmer.uwex.edu/>. You may contact your local county agriculture educator if you need help placing an ad. There is no charge for the service.

Save the Date! Forage Management Meeting

Topics will include:

Forage Crop Nutrient Management, Grass-Alfalfa Mixes, Alternative Forage Options and Alfalfa Stand Management

When:

Friday, March 13th

Where:

Chase Town Hall



More information to follow on the [Shawano Extension](#) website and [Facebook page](#) as well as the [Marinette County website](#).

Planning for the 2020 Growing Season: Nutrient and Pest Management in Corn

**February 13th
Green Valley Town Hall
W1734 County Rd E, Cecil, WI**

Topics will include:

Profitable Nutrient Management in Grain and Silage

Corn Insect Pest ID, Scouting and Management

Maximizing Spray Performance

Taking Control of Yield Robbing Weeds

**Sponsored by Extension Offices in:
Shawano, Oconto and Marinette Counties**



Extension

UNIVERSITY OF WISCONSIN-MADISON

\$12 per person. Lunch included.

Please RSVP by February 11th

See reverse for agenda

Planning for the 2020 Growing Season: Nutrient and Pest Management in Corn

February 13th , 2020 ♦ Green Valley Town Hall

Agenda

Four CEUs for CCA: 1 NM, 3 IPM

9:30 to 10:00 **Registration, coffee, individual questions**

10:00 – 11:00 **Managing Nutrients in Corn Grain and Silage**

Jamie Patton, Senior Outreach Specialist, UW-Madison Nutrient and Pest Management Program

How much nutrient does corn need to produce a profitable yield? How do we use the 4-Rs to manage fertilizer inputs in northeast Wisconsin? We will cover the basics, as well as the latest research on fertilizer applications to grain and silage corn.

11:00-12:00 **Insect Pests of Corn**

Bryan Jensen, Entomologist, UW-Madison Integrated Pest Management Program

Old or new to our area, there are a number of insect (& a couple relatives) species that can rob yield or quality from our corn crops. Bryan will review id, scouting, and management of these pest species.

12:00– 12:30 **Lunch**

12:30 – 1:30 **Nozzle, Adjuvant, and Formulation Selection Effects on Spray Performance**

Daniel Heider, Senior Outreach Specialist ,UW-Madison Integrated Pest Management Program

Is there really such a thing as one size fits all when it comes to spray nozzles? We'll review what you need to consider when choosing adjuvants and nozzles to maximize the performance of your application. We'll use a spray table demonstrator to show these effects, not just talk about the theory.

1:30 – 2:30 **Weed Management in 2020**

Scott Reuss, Crops/Soils Agent, Extension Marinette County

Not managing weeds properly creates a recipe for economic disaster and makes all other aspects of nutrient and pest management more difficult. We will lay the foundation for proper weed management in a time of newly emerging weed species and management challenges.

Q & A opportunity throughout the day and at the end of the program

Registration Form

(due by February 11th, 2020)

Name: _____

Address: _____

Phone: _____ Email: _____

Make checks payable to (\$12 per person fee):

Extension Shawano County

Please send registration and payment to:

Extension Shawano County 311 N Main Street Shawano, WI 54166

Any Questions? Contact Kimberly Schmidt, Extension Shawano County Ag Educator at 715-526-6136 or kimberly.schmidt@wisc.edu or Scott Reuss, Extension Marinette County Crops/Soils Agent, at 715-732-7510 or sreuss@marinettecounty.com



DAIRY BRAIN

<http://dairybrain.wisc.edu>

*The Next Big Leap in
Dairy Farm Management
Using Coordinated Data
Ecosystems*



Sponsored by :

Brown County
Calumet County
Door County
Fond du Lac County
Kewaunee County
Manitowoc County
Marinette County
Oconto County
Outagamie County
Ozaukee County
Shawano County
Sheboygan County
Washington County
Waupaca County
Winnebago County

Kickoff Meeting
February 13, 2020
11am - 2:30pm
Swan Club

875 Heritage Road, De Pere



Presenters

Dr. Victor Cabrera
UW-Madison/Extension Dairy Specialist
& other members of the
Dairy Brain team

Topics

Introduction to Dairy Brain
Prototypes/tool ideas
Recruiting farms for the project

RSVP by February 5 (register one of three ways below)

- 1) Register online at forms.gle/9rq4Fbo8HUeuZ1Xc8
- 2) Complete and mail slip below
- 3) Call 920-391-4654

Mail to: Extension Brown County
Attn: Dairy Brain
2019 Technology Way, Rm 113
Green Bay, WI 54311

Name: _____ Number of People Attending: _____

Phone: _____

Email: _____

Please note: Sessions may be recorded.

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Questions? Contact Liz Binversie: 920-391-4612 or eybinversie@wisc.edu

Forage Production Clinic

February 20, 2020

10:00 am to 3:00 pm

The Main Event

206 Lemke St, Cecil, WI

Shawano County Forage Council
will pay the first year of local
membership for all NEW members
regardless of county residence,
who attend the meeting!

Presentations (3 CEU credits for CCA available)

Cover Crop Forages after Corn Silage – Management and Economics

~ Kevin B. Shelley, Cover Crops and Farm Nutrient Management Specialist UW Madison/Extension

Kevin will give a presentation focused on cover crops in forage rotations, both using cover crops as a feed for cattle as well the agronomics of cover crops

Research Update: Feeding Cover Crops

~ Liz Binversie, Brown County Agriculture Extension Educator

Liz will be giving an update on the cover crop feeding trial from the past two years that involved feeding cover crops to lactating dairy cattle to determine its impact on production if any.

Feeding Alternative Forages in a Low Forage Inventory Year

~ Matt Akins, Ph.D., Extension Dairy Specialist

Matt will share information on forages that can be grown and fed to dairy cattle as alternatives to alfalfa.

WiscWeeds Research Update: Strategies for effective control of waterhemp

~ Nick Arneson, UW Madison Weed Science Outreach Specialist

Nick will give an overview of what research is being done to help manage herbicide resistant water hemp as well as sharing some strategies to control it if it is present in your fields

Shawano County Forage Council (starting approximately 2:25 pm)

Annual Meeting and Auction



Advance Registration Required by February 13th

Make checks payable to: Shawano County Forage Council

Return to: Shawano County UWEX, 311 North Main Street, Shawano, WI 54166

Registration & Membership Options (lunch included in all options):

___ Midwest Forage Assoc & Shawano Co Forage Council Membership + Registration @ \$65

___ Shawano County Forage Council Membership + Registration @ \$40

___ Meeting Registration \$20

___ *****Meeting Registration and NEW Shawano County Forage Council Membership @ \$20*****

Name(s) _____

Address _____



Extension

UNIVERSITY OF WISCONSIN-MADISON

2020 Cattle Feeder Clinic

**Tuesday, February 25th
Equity Livestock Sale Barn, Bonduel, WI
Free, No Cost (advance registration required by Feb. 18)**

**12 Noon Registration & Lunch (sponsored by Equity)
1:00 p.m. Program**

Register with the form below or by calling:

**Waupaca County Extension (715-258-6230)
Shawano County Extension (715-258-6231) or
Equity Sale Barn (715-754-5227) or (715-758-2125)**



Farm Building Failures in Winter 2018-19: What happened and thoughts for the future – Carl Duley,
Buffalo County Agriculture Agent, UW-Extension

**Are Your Cattle What Buyers are Looking For?:
Traits That Influence Fed Cattle Prices –**

Dr. Arquimides Reyes – UW River Falls Beef Production and
Management

Market Outlook - Dr. Brenda Boetel, Livestock Marketing
Specialist, UW-Extension

<https://fyi.extension.wisc.edu/wbic/>

2020 Cattle Feeders Clinic Tuesday, February 25th

Name: _____

Address: _____

City/State: _____

Zip: _____

Phone: _____

Email: _____

Send this registration form to:

Shawano County Extension
311 N Main Street
Shawano, WI 54166

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